

# *Xeranthemum annuum*

## Habitus and growth type

Plant height [m]: **0.27**

Life span: **Annual**

Life form: **Therophyte**

## Flower

Flowering period: **May-August**

## Fruit, seed and dispersal

Seed mass [mg]: **1.2**

Dispersal mode: **Local non-specific dispersal**

Dispersal distance class: **2**

## Trophic mode

Parasitism and mycoheterotrophy: **autotroph**

Carnivory: **non-carnivorous**

Symbiotic nitrogen fixation: **no nitrogen-fixing symbionts**

## Taxon origin

Origin in Europe: **Native**

## Ecology

### Environmental relationships

Substrate humidity relationship: **Dry**

Substrate reaction relationship: **Slightly acidic to near-neutral**

Nutrient relationship: **Oligotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **8.2**

Temperature indicator value: **7.8**

Moisture indicator value: **2.7**

Reaction indicator value: **6**

Nutrient indicator value: **2.5**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **1.34**

Disturbance frequency (herb layer): **1.92**

Disturbance severity: **0.56**

Disturbance severity (herb layer): **0.53**

Mowing frequency: **0.64**

Grazing pressure: **0.34**

Soil disturbance: **0.24**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [FJ \(TRA\) \*Stipo-Trachynietea distachyae\*](#), [QF \(ART\) \*Artemisietea vulgaris\*](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [S34 \*Balkan-Anatolian submontane genistoid scrub\*](#)

Constant species of EUNIS habitats: [S34 \*Balkan-Anatolian submontane genistoid scrub\*](#)

### Broad habitat

Occurrence in broad habitats: **Grassland (non-alpine, non-saline), Scrub, Synanthropic**